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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/782,284
Filing Date	February 18, 2004
First Named Inventor	John Santhoff et al.
Art Unit	2666
Examiner Name	Melanie Jagannathan
Attorney Docket Number	00121

Sheet 1 of 2

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
MJ		US- 3,648,287	03-07-1972	LIND	
MJ		US- 4,586,177	04-1986	KAUL	
MJ		US- 5,463,657	10-1995	RICE	
MJ		US- 5,530,701	02-05-1996	STILLMAN ET AL.	
MJ		US- 5,535,239	07-1996	PADOVANI ET AL.	
MJ		US- 5,551,066	08-27-1996	STILLMAN ET AL.	
MJ		US- 5,636,140	06-1997	LEE ET AL.	
MJ		US- 6,041,046	03-2000	SCOTT ET AL.	
MJ		US- 6,088,324	07-2000	SATO	
MJ		US- 6,526,264	02-2003	SUGAR ET AL.	
MJ		US- 6,754,195	06-2004	WEBSTER ET AL.	
MJ		US- 6,760,300	07-2004	EBERLE ET AL.	
MJ		US- 6,856,610	02-2005	SCHMIDT ET AL.	
MJ		US- 6,873,611	03-2005	RIOS	
MJ		US- 6,898,198	05-2005	RYAN ET AL.	
MJ		US- 2002/0126739	09-2002	TIEDEMANN ET AL.	
MJ		US- 2003/0189975	10-2003	FULLERTON	
MJ		US- 2004/0199686	10-2004	KARAOGUZ	
MJ		US- 2004/0151109	08-2004	BATRA ET AL.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number * Kind Code ⁴ (if known)				
MJ		WO 98/27670	06-25-1998	MICRON		
MJ		EP 0 825 794 A2&A3	02-25-1998	LUCENT		

Examiner Signature	/Melanie Jagannathan/	Date Considered	02/19/2007
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Sheet	2	of	2
		Attorney Docket Number	00121

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
MJ		WILLIAM D HORNE & PETER WEED, Adaptive Spectrum Radio: A Feasibility Platform On The Path To Dynamic Spectrum Access, International Symposium On Advanced Radio Technologies, March 5, 2003, 1 page.	
MJ		AYAL SHOVAL, W MARTIN SNELGROVE & DAVID A JOHNS, A 100 Mb/s BICMOS Adaptive Pulse-Shaping Filter, IEEE Journal On Selected Areas in Communications, December 2003, 11 pages, Vol. 13, No. 9.	
MJ		WILLIAM D HORNE, Adaptive Spectrum Access: Using the Full Spectrum Space, 15 pages.	
MJ		PENTEK, INC., MITRE Designs an Adaptive Spectrum Radio Platform, The Pentek Pipeline, Spring 2003, 4 pages, Vol. 12, No. 1.	
MJ		DR. DANIEL SCHAEFER & MR. STEVE COX, Adaptive Spectrum Utilization with Software Defined Radio, October 2, 2002, 23 pages.	
MJ		FEDERAL COMMUNICATIONS COMMISSION, Notice of Proposed Rule Making, In the Matter of Authorization and Use of Software Defined Radios (ET Docket No. 00-47), December 8, 2000, 23 pages.	
MJ		FEDERAL COMMUNICATIONS COMMISSION, Notice of Proposed Rule Making and Order, In the Matter of Facilitating Opportunities for Flexible, Efficient, and Reliable Spectrum Use Employing Cognitive Radio Technologies (ET Docket No. 03-108) & Authorization and Use of Software Defined Radios (ET Docket No. 00-47 Terminated), December 30, 2003, 53 pages.	
MJ		FEDERAL COMMUNICATIONS COMMISSION, Notice of Inquiry And Notice of Proposed Rule Making and Order, In the Matter of Establishment of an Interference Temperature Metric to Quantify and Manage Interference and to Expand Available Unlicensed Operation in Certain Fixed, mobile and Satellite Frequency Bands (ET Docket No. 03-237), November 28, 2003, 31 pages.	

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